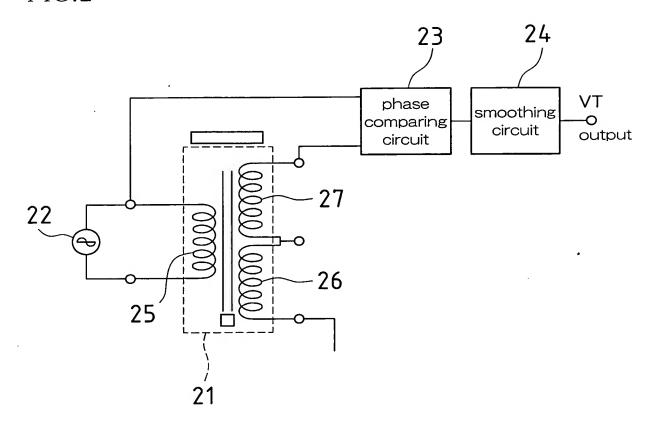


FIG.2



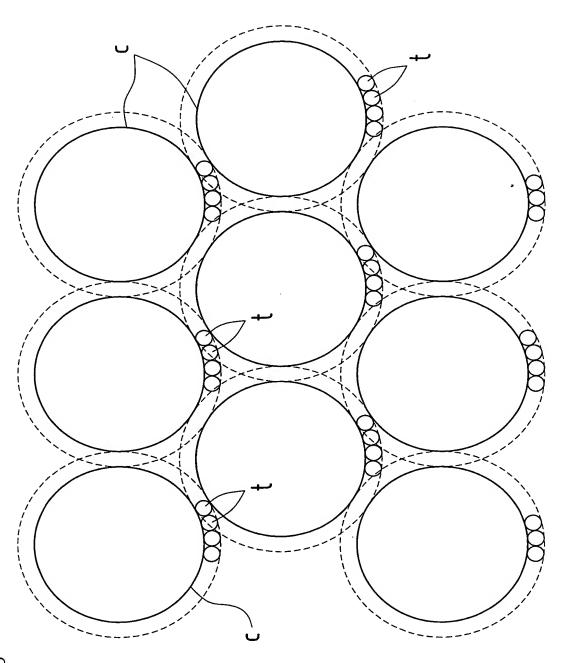
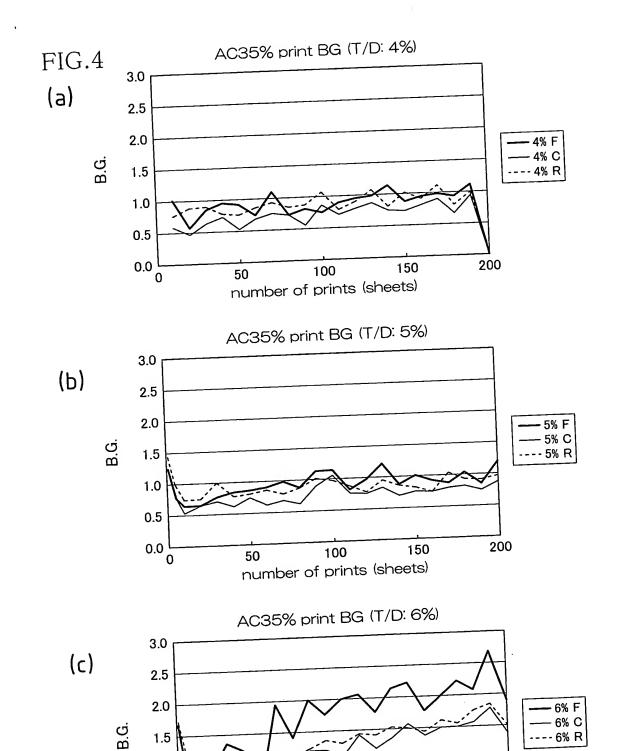


FIG.3



200

150

100

number of prints (sheets)

50

1.5

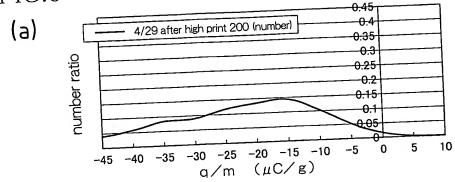
1.0

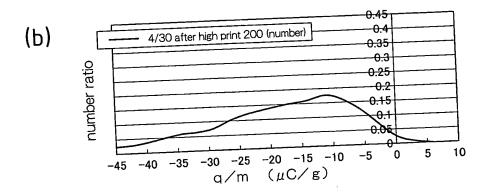
0.5

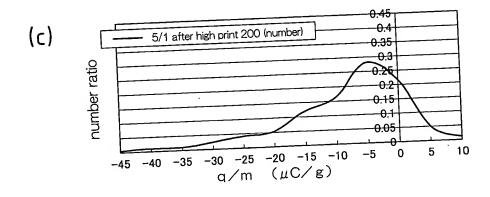
0.0

0

FIG.5







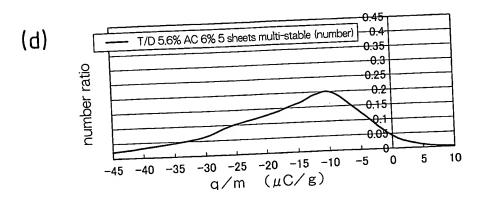


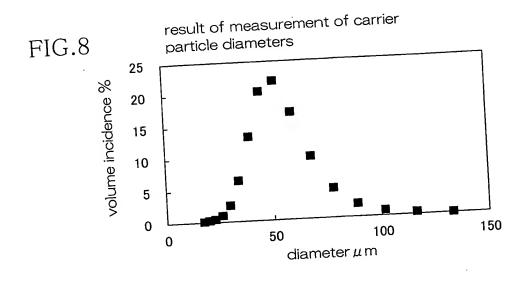
FIG.6

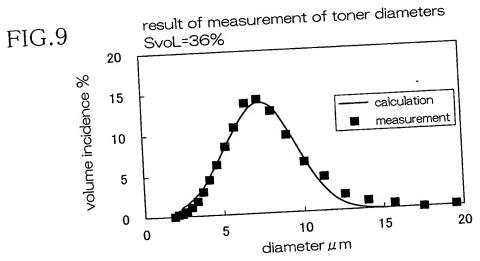
	actually meas			
TD	fog BG	ID bk	excess toner	
4.0%	0.84	1.29	0.0%	
	0.87	_	0.0%	
5.0%		1.4	0.0%	
5.6%	0.94	1.4		
6.0%	1.42		0.4%	

FIG.7

	—т	TD				
	}	Dt50_voL	Dtav_voL	Dtav_pop	Dt50_pop	
		6.71	5.52	4.81	4.41	
	-007	8.39%	6.55%	5.53%	4.99%	
Dc50_pop	39.7		6.09%	5.15%	4.65%	
Dcav_pop	42.0	7.78%	5.58%	4.73%	4.27%	
Dcav_voL	45.1	7.11%	5.58%	4.38%	3.97%	
Dc50_voL	48.1	6.56%	3.56%	unit of diame		

unit of diameter: μ m





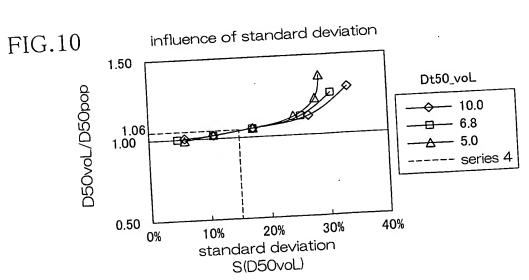
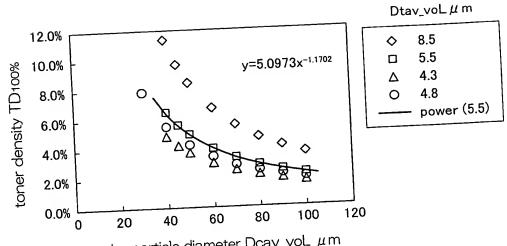
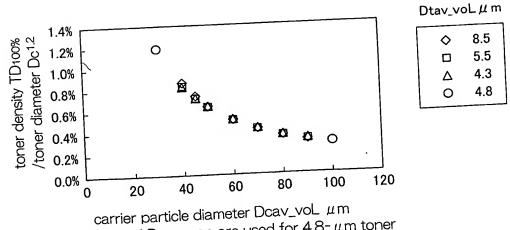


FIG.11



carrier particle diameter Dcav_vol_ μm Dtav_pop and Dcav_pop are used for 4.8- µm toner

FIG.12



Dtav_pop and Dcav_pop are used for 4.8- μ m toner

FIG.13

